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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

ISHIGURO, TAKAHIKO, et al.

Appln. No.: 09/345,761



Group Art Unit: 1643

Filed: July 01, 1999

Examiner: NOT YET ASSIGNED

For: METHOD OF ASSAY OF TARGET NUCLEIC ACID

**PRELIMINARY AMENDMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to examination, please amend the above-identified application as follows:

**IN THE CLAIMS:**

24. A reagent set for performing the method according to Claim 1 or 21, which comprises at least

a first reagent containing the first single-stranded oligonucleic acid,

a second reagent containing tris-acetate, magnesium acetate, potassium acetate, sorbitol and dimethyl sulfoxide,

a third regeant containing dithiothreitol, deoxyribonucleoside triphosphates, ribonucleoside triphosphates, bovine serum albumin, the second single-stranded oligo DNA and the third single-stranded oligo DNA,

a forth request containing one or two enzymes which have an RNA-dependent DNA polymerase[,] activity and a DNA-dependent DNA polymerase activity, a DNA-dependent RNA polymerase and an RNase inhibitor and a fifth reagent containing the fourth single-stranded oliga DNA.

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25. A reagent set for performing the method according to Claim 1 or 21, which comprises at least

- a first reagent containing the first-single-stranded oligonucleic acid,
- a second reagent containing tris-acetate, magnesium acetate, potassium acetate, sorbitol and dimethyl sulfoxide,
- a third reagent containing dithiothreitol, deoxyribonucleoside triphosphates, ribonucleoside triphosphates, bovine serum albumin, the second single-stranded oligo DNA, the third single-stranded oligo DNA and the fourth single-stranded oligo DNA and
- a fourth reagent containing one or two enzymes which have an RNA-dependent DNA polymerase[,] activity and a DNA-dependent DNA polymerase activity, a DNA-dependent DNA-dependent RNA polymerase and an RNase inhibitor.

*AM*

26. A reagent set for performing the method according to Claim 1 or 21, which comprises at least

- a first reagent containing the first single-stranded oligonucleic acid.
- a second reagent containing tris-acetate, magnesium acetate, potassium acetate, sorbitol and dimethyl sulfoxide,
- a third reagent containing dithiothreitol, deoxyribonucleoside triphosphates, ribonucleoside triphosphates, bovine serum albumin, the second single-stranded oligo DNA and the third single-stranded oligo DNA,
- a fourth reagent containing the fourth single-stranded oligo DNA, one or two enzymes which have an RNA-dependent DNA polymerase[,] activity and a DNA-dependent DNA polymerase activity, a DNA-dependent RNA polymerase and an RNase inhibitor.

27. A reagent for performing the method according to Claim 1 or 21, which comprises at least the first single-stranded oligonucleic acid, the second single-stranded oligo DNA, the third single-stranded oligo DNA, the fourth single-stranded oligo DNA, one or two enzymes which have an RNA-dependent DNA polymerase[,] activity and a DNA-dependent

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polymerase activity, a DNA-dependent RNA polymerase, deoxyribonucleoside triphosphates, ribonucleoside triphosphates, tris-acetate, magnesium acetate, potassium acetate, sorbitol, dimethyl sulfoxide, dithiothreitol, bovine serum albumin and an RNase inhibitor.

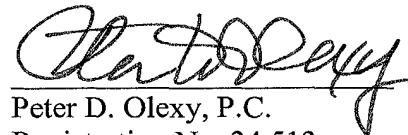
Cancel claim 28.

**REMARKS**

The improper multiple dependency of claim 28 is corrected by amending claims 24-27 and cancelling claim 28.

Entry and consideration of this Amendment is respectfully requested.

Respectfully submitted,



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